

Ciba



September 17, 1998

Mr. Frank Battaglia, Project Manager
USEPA Region I
Waste Management Building
90 Canal Street
Boston, MA 02114

RCRA RECORDS CENTER
FACILITY Ciba 6194 Corp
I.D. NO. RID001194323
FILE LOC. R-5
OTHER _____

RE: Monthly Progress Report No. 98
Ciba Specialty Chemicals, 180 Mill Street, Cranston, RI 02905
EPA ID RID001194323

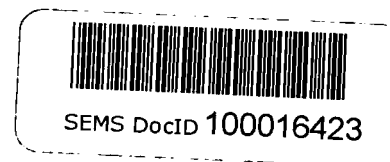
Dear Mr. Battaglia:

As required by the modified Consent Decree (CD) of September 28, 1992, I am submitting the monthly stabilization progress report for August 1998.

1.0 SUMMARY

Stabilization Plan (IRM)

- **Contaminated groundwater in the Production Area (AOC 13)** -- The groundwater extraction wells 110 and 120, as well as, the pretreatment system continued to operate with no problems. Since the initiation on September 29, 1995, the groundwater stabilization pretreatment plant has processed approximately 90.5 million gallons of contaminated groundwater meeting the permit wastewater discharge limits for the City of Cranston, Rhode Island.
- **Soil in the Production Area (SWMU 11)** -- The SVE was shut down on July 16, 1997, due to an odor problem from the unit that could not be immediately corrected. Ciba is now reviewing a possible corrective action that will include other technologies, as well as, the SVE, in order to remove the contamination within the SWMU 11 area.



2.0 DISCUSSION

Hydraulic Capture

The calculated hydraulic capture of the two recovery wells now operating along the bulkhead of the former Production Area is 82%. The original purge well pumping rates were calculated to give 96% capture. The reduced hydraulic capture is a direct result of the reduced average pumping at recovery wells PW-110 from initial proposed 63.0 to 55 GPM (87%), and for PW-120 from initial proposed 3.2 to 2.0 GPM (67%).

Ciba has initiated a contractual agreement with D.L. Maher of North Reading, MA to rehabilitate the purge wells at the site using the Aqua Freed process of carbon dioxide injection. The exact date for the project work has not been established, however, late September or early October is the expected time frame.

Semiannual Monitoring

The second semiannual monitoring event for 1998 is in the planning stage. This event will be the 4th since compliance sampling was initiated in March 1997. We have proposed to provide a more extensive monitoring review evaluation covering the past results and this latest monitoring event.

3.0 SCHEDULE OF ACTIVITIES

- Address remediation in the SWMU 11 area (Mike Goodman)
- Rehabilitation of wells PW-110 and PW-120
- Schedule the second 1998 semiannual compliance sampling event

If you have questions or need additional information, please contact me at 732 914-2537 or fax 732 914-2909.

Sincerely,



Barry Cohen
Alternate Projector Coordinator

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